

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	conductive with transparent with lead adj oxide same (bandgap or band-gap or (band adj gap))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:24
L3	0	conductive with transparent with lead adj oxiden and (bandgap or band-gap or (band adj gap))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:24
L4	0	conductive with transparent with lead adj oxide same (bandgap or band-gap or (band adj gap))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:24
L5	18	conductive with transparent with lead adj oxide and (bandgap or band-gap or (band adj gap))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:38
L6	309	lead adj oxide with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:38
L7	12	lead adj oxide with semiconductor with transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:29
L9	2	("20040127038").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 14:29
S1	12	(ternary adj oxide) with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:16
S2	370	fleming.xa. and faye.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:02
S3	160	(257/63).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/30 15:04
S4	107	S3 and oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:05

## EAST Search History

S5	28	S3 and oxide with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:06
S6	43	S3 and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:07
S7	0	S3 and ternary adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:07
S8	11	S3 and (compound with oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:15
S9	673	(257/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/30 15:16
S10	0	S9 and ternary adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:16
S11	0	S9 and gageo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:16
S12	0	S9 and inpbo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:17
S13	42	S9 and thin-film	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:17
S14	16	S9 and tft and oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:27
S15	618	S9 not (copper adj sulfide or indium adj tin adj oxide or zinc adj tin adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:19
S16	73	S9 and (ito or indium-tin-oxide or (indium adj tin adj oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:44

## EAST Search History

S17	0	S9 and ito with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:44
S18	2	S9 and (indium adj tin adj oxide) with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:46
S19	506	ito with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/30 15:46
S20	258	ito with channel and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 08:38
S21	0	bandgap with gageo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 08:39
S22	0	bandgap with gallium-germanium-oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 08:39
S23	0	gallium-germanium-oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 08:39
S24	1712	gallium adj germanium adjoxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 08:39
S25	14	gallium adj germanium adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 09:37
S26	8	semiconducting adj oxide and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 09:39
S27	53	semiconducting adj oxide same transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/31 09:42
S28	28	semiconducting adj oxide with (bandgap or band-gap or band adj gap)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/01 09:17

## EAST Search History

S29	2	("20010025989").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/02 12:13
S30	2	("20010010385").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/02 12:14
S31	1	("2001/0010385").URPN.	USPAT	OR	ON	2006/11/02 12:49
S32	3	("20010010385" "20030040144" "20030209757" "6184563" "6404033" "6740951").PN.	USPAT	OR	ON	2006/11/02 12:49
S33	12	("20010010385" "20030040144" "20030209757" "6184563" "6404033" "6740951").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 12:50
S34	9	("20010010385"   "4646115"   "4862229"   "5365102"   "5612567"   "6078090"   "6309929").PN. OR ("6740951").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 12:54
S35	5	("5101244"   "5612567").PN. OR ("6184563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/02 13:03
S36	0	(bandgap or band-gap or "band gap") with (gageo\$3 or gegao\$3 or ingeo\$3 or geino\$3 or gasno\$3 or sngao\$3 or insno\$3 or snino\$3 or gapbo\$3 or pbgao\$3 or inpbo\$3 or pbino\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:19
S37	0	(bandgap or band-gap or "band gap") with (gageo\$3 or gegao\$3 or ingeo\$3 or geino\$3 or gasno\$3 or sngao\$3 or insno\$3 or snino\$3 or gapbo\$3 or pbgao\$3 or inpbo\$3 or pbino\$3 or ingegao\$3 or geingao\$3 or gaingeo\$3 or gageino\$3 or insngao\$3 or sningao\$3 or gainsno\$3 or gasnino\$3 or inpbgo\$3 or pbingao\$3 or gainpbo\$3 or gapbino\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:22
S38	1	(bandgap or band-gap or "band gap") with (ga with in with ge with sn with pb with oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:32
S39	5	(bandgap or band-gap or "band gap") with (ternary adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:34

## EAST Search History

S40	5	(bandgap or band-gap or "band gap") same (ternary adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:35
S41	993	(bandgap or band-gap or "band gap") same (metal adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:35
S42	26	(bandgap or band-gap or "band gap") same (metal adj oxide) with ITO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:36
S43	90	(bandgap or band-gap or "band gap") with ITO with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:37
S44	11	(bandgap or band-gap or "band gap") with tco with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:41
S45	326	tco with ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:30
S46	1	tco with ternary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:30
S47	0	tco with quaternary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:30
S48	1	conductive adj oxide with quaternary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:31
S49	14	conductive adj oxide with ternary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:32
S50	6	semiconductive adj oxide with ternary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 09:36
S51	254	semiconductive adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:03

## EAST Search History

S52	674	(257/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 11:03
S53	4	S52 and jackson.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:04
S54	599	transparent and jackson.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:04
S55	122	transparent and jackson.xp. and tft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:04
S56	2408	(257/72).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 11:04
S57	101	S56 and jackson.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:05
S58	0	S57 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:05
S59	82	S57 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:06
S60	43284	transparent with (channel or semiconductor or fet or mosfet or transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:07
S61	10350	S60 and (ga or gallium or ge or germanium or pb or lead or indium or sn or tin) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S62	1925	S60 with (ga or gallium or ge or germanium or pb or lead or indium or sn or tin) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:08
S63	1685	S60 with (ga or gallium or germanium or pb or indium or sn) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09

## EAST Search History

S64	1674	S60 with (ga or gallium or pb or indium or sn) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S65	1632	S60 with (ga or gallium or pb or indium) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S66	1630	S60 with (ga or gallium or indium) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S67	253	S60 with (ga or gallium) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S68	1496	S60 with (indium) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:09
S69	10107	S60 and (ga or gallium or ge or germanium or pb or lead or sn or tin) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:10
S70	1828	S60 with (ga or gallium or ge or germanium or pb or lead or sn or tin) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 11:10
S71	390	S60 with (ga or gallium or ge or germanium or pb or lead or sn) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:19
S72	254	S60 with (gallium or ge or germanium or pb or lead or sn) with (oxide or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:49
S73	2	S52 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 12:50
S74	53	gito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 08:04
S75	3	transparent adj semiconductive adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:17

## EAST Search History

S76	404	minami.in. and (tco or (transparent and semiconductor) or ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:27
S77	435	(438/85,104).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/15 10:19
S78	160	(257/63).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/15 10:20
S79	674	(257/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/15 10:20
S80	117	S77 and (S76 or S78 or S79)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:26
S81	1	S76 and (S77 or S78 or S79)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:26
S82	1	S76 and (S77 or S78 or S79)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:26
S83	2	minami.in. and tadatsugu.in. and (tco or (transparent and semiconductor) or ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:40
S84	2	minami.in. and tadatsugu.in. and (group IV)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:41
S85	0	minami.in. and tadatsugu.in. and (group adj IV)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:41
S86	0	ggo with gallium with germanium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:42
S87	2968	oxide with gallium with germanium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:42



## EAST Search History

S88	0	oxide with gallium with germanium with tco	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:42
S89	0	oxide with gallium with germanium same tco	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:42
S90	4	oxide with ge with ga same tco	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:43
S91	1017702	"GaInO.sub.3"(Sn, Ge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:43
S92	0	"GaInO.sub.3(Sn, Ge)"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:43
S93	0	"GasngeInO.sub.3"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 10:43
S94	4	"GaInO.sub.3" with "(sn, ge)"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 11:12
S95	29	"ingao.sub."\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 11:12
S96	78	"ingao.sub."\$ or "gaino.sub."\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:55
S97	0	"gapbo.sub."\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:56
S98	1	gallium-lead adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:56
S99	1349	gallium with lead with oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:57

## EAST Search History

S10 0	26	gallium with lead with oxide with transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:12
S10 1	2	("5399390").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/15 13:13
S10 2	6	transparent adj conductive adj oxide with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:15
S10 3	34	tco with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:57
S10 4	0	"insn.sub."\$ with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:57
S10 5	0	"in.sub.\$sn.sub."\$ with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:57
S10 6	0	"insno.sub."\$ with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:58
S10 7	2	insn\$ with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:58
S10 8	506	ito with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:58
S10 9	68	ito with channel with amorphous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:46
S11 0	0	multicomponent adj oxide and tco	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:46
S11 1	0	multi-component adj oxide and tco	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:46

## EAST Search History

S11 2	35	multi-component adj oxide and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:46
S11 3	1767	ito with composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 07:56
S11 4	1	ito with composition with amorphous with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 07:56
S11 5	8	ito same composition same channel same amorphous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:02
S11 6	59	("20020125437" "20030047785" "20030218222" "20040016926" "20040038446" "20040056273" "20040077133" "20040105041" "20040127038" "20040155846" "20040165121" "20050127354" "20050173734" "3442647" "4411981" "4425572" "5407602" "5744864" "5817550" "5949107" "6225149" "6329226" "6407796" "6486009" "6597015" "6614052" "6642085" "6677191" "6707513").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:04
S11 7	24	S116 and amorphous	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:06
S11 8	7	S116 and ((crystalline or amorphous) with oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:08
S11 9	2286	((crystalline or amorphous) with transparent with oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:08
S12 0	425	((crystalline or amorphous) with transparent with oxide with semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:09
S12 1	94	((crystalline or amorphous) with transparent with oxide with semiconductor with ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:09

## EAST Search History

S12 2	280	amorphous adj (ito or (indium adj tin adj oxide) or indium-tin-oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:10
S12 3	203	amorphous adj (ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:46
S12 4	3	amorphous adj (ito) with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:10
S12 5	0	amorphous adj (ito) with transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:10
S12 6	59	amorphous adj (ito) with transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:14
S12 7	37814	electrode with ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:11
S12 8	3	S126 not S127	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:11
S12 9	5	amorphous adj (ito) with properties	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:33
S13 0	5	amorphous adj (ito) with property	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:17
S13 1	6	amorphous adj (ito) with advantage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:17
S13 3	0	single adj crystalline near3 (ito) with properties	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:31
S13 6	0	single adj crystalline near3 (ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:31

## EAST Search History

S13 7	96	amorphous adj (ito) with etch\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:34
S13 8	29	amorphous adj (ito) with etch\$ with crystal\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:38
S13 9	0	amorphous adj (ito) with single with crystal\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:39
S14 0	0	amorphous adj (ito) with single-crystal\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:39
S14 1	4	amorphous adj (ito) with mixed with crystal\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:39
S14 2	83	amorphous adj (ito) with (conductor or electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:46
S14 3	120	S123 not S142	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:47
S14 4	59	S143 and transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:48
S14 5	8179	crystal\$ with ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:48
S14 6	50	S144 and S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 09:52
S14 7	11	amorphous adj oxide adj semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:23
S14 8	0	a-ito with mobility	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:23

## EAST Search History

S14 9	2	amorphous adj ito with mobility	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:25
S15 0	70	a-ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:18
S15 1	0	a-ito same mobility	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:25
S15 2	0	a-ito and (amorphous with mobility)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:25
S15 3	5474	"in.sub."\$ and ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:18
S15 4	3815	"in.sub."\$ same ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:18
S15 5	3559	"in.sub."\$ with ito	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:18
S15 6	2126	"in.sub."\$ with ito and transparent with oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:19
S15 7	43	ito with "in.sub."\$ with "sn.sub."\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 14:29
S15 8	1	05-251705	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 09:45
S15 9	4	("5744864"   "6281552"   "6291837").PN. OR ("6563174"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 08:44
S16 0	0	"plurality of pixel devices" and amorphous with silicon	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 08:55
S16 1	0	"plurality of pixel devices" and amorphous with silicon and tft	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 08:55

## EAST Search History

S16 5	5353	"plurality" near2 pixel\$ and amorphous with silicon and tft	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 08:57
S16 6	6292	"plurality" with pixel\$ and amorphous with silicon and tft and matrix	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 08:56
S16 7	25	"plurality" near2 pixel\$ with amorphous with silicon with tft	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:20
S16 8	1	"plurality" near2 pixel\$ same amorphous with silicon same tft same control near3 light	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:22
S16 9	2	"plurality" near2 pixel\$ with amorphous with silicon with tft with light	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:21
S17 0	5	"plurality" near2 pixel\$ same tft same control near3 light same drain same source same electrode same gate	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:27
S17 1	6	"plurality" near2 pixel\$ same tft same control near3 light same drain same source same gate	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:32
S17 2	1	S171 not S170	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:27
S17 3	207	"plurality" near2 pixel\$ same tft same drain same source same gate same channel	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:32
S17 4	186	S173 and light	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:32
S17 5	35	S173 same light	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 09:32
S17 6	0	JP05-251705	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 09:45
S17 7	1	hamada.in. and tsutomu.in. and ito.in. and hisao.in. and thin-film.ti. and transistor.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 11:07
S17 9	0	tco with transparent with pbo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 11:08

## EAST Search History

S18 0	0	tco with transparent with lead adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 11:08
S18 1	83	conductive with transparent with lead adj oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/17 12:23